EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L5	20	(US-2604164-\$ or US-2772735-\$ or US-3119292-\$ or US-6035688-\$ or US-6009783-\$ or US-5845553-\$ or US-5247862-\$ or US-4785695-\$ or US-4463637-\$ or US-4267753-\$ or US-3570343-\$ or US-3440909-\$ or US-3211034-\$).did. or (JP-07097656-\$ or JP-58215237-\$ or JP-60102245-\$ or JP-07034190-\$ or JP-07300653-\$ or JP-09176785-\$ or JP-09176786-\$).did.	USPAT; JPO	OR	OFF	2007/03/26 07:46
L6	1	ag\$3 and L5	USPAT	OR	OFF	2007/03/26 07:49
L7	21	aging and "medium carbon steel"	USPAT	OR	OFF	2007/03/26 07:56
L8	709	aging and crankshaft	USPAT	OR	OFF	2007/03/26 08:36
L9	6	aging and crankshaft and martensite	USPAT	OR	OFF	2007/03/26 08:02
L10	0	aging and crankshaft and spheroid	USPAT	OR	ON	2007/03/26 08:02
L11	2	aging and crankshaft and spheroidiz\$3	USPAT	OR	ON	2007/03/26 08:03
L12	1	"5236521".PN.	USPAT; USOCR	OR	OFF	2007/03/26 08:06
L13	1	"5102619".PN.	USPAT; USOCR	OR	OFF	2007/03/26 08:08
L14	1	"4662953".PN.	USPAT; USOCR	OR	OFF	2007/03/26 08:08
L15	14	aging and crankshaft and forging	USPAT	OR	OFF	2007/03/26 08:10
L16	56	aging and crankshaft and steel	USPAT	OR	OFF	2007/03/26 08:36
S1	20	("6035688" "6009783" "5845553" "5247862" "4785695" "4463637" "4267753" "3570343" "3440909" "3211034" "3119292" "2772735" "2604164" "58215237" "60102245" "07034190" "07097656" "09176785" "09176786" "07300653").PN.	USPAT; JPO	OR	ON	2007/03/15 08:13
S2	20	(US-2604164-\$ or US-2772735-\$ or US-3119292-\$ or US-6035688-\$ or US-6009783-\$ or US-5845553-\$ or US-5247862-\$ or US-4785695-\$ or US-4463637-\$ or US-3270343-\$ or US-3211034-\$).did. or (JP-07097656-\$ or JP-58215237-\$ or JP-60102245-\$ or JP-07034190-\$ or JP-07300653-\$ or JP-09176785-\$ or JP-09176786-\$).did.	USPAT; JPO	OR	OFF	2007/03/15 08:39

EAST Search History

0	spherodiz\$3 and draw\$3 and "cold forg\$3" and billet and blank and S2	USPAT	OR	OFF	2007/03/23 13:09
0	spherodiz\$3 and draw\$3 and "cold forg\$3" and billet and blank and S2	USPAT	OR	OFF.	2007/03/23 13:24
0	spherodiz\$3 and draw\$3 and forg\$3 and billet and blank and S2	USPAT	OR	ON	2007/03/15 08:42
0	spherodiz\$3 and draw\$3 and forg\$3 and billet and blank and S2	USPAT; EPO; JPO	OR .	ON	2007/03/15 08:43
0	spherodiz\$3 and draw\$3 and forg\$3 and billet and S2	USPAT; EPO; JPO	OR	ON	2007/03/15 08:43
0	spherodiz\$3 and draw\$3 and forg\$3 and S2	USPAT; EPO; JPO	OR	ON	2007/03/15 08:43
0 .	spherodiz\$3 and S2	USPAT; EPO; JPO	OR	ON	2007/03/15 08:43
0	anneal\$3 and S2	USPAT; EPO; JPO	OR	ON	2007/03/15 08:44
6	forg\$3 and S2	USPAT; EPO; JPO	OR	ON .	2007/03/15 08:46
0	forg\$3 and annealing and S2	USPAT; EPO; JPO	OR	ON ·	2007/03/15 08:45
1	forg\$3 and draw\$3 and S2	USPAT; EPO; JPO	OR	ON	2007/03/15 08:46
1	"4751048".PN.	USPAT	OR	OFF	2007/03/16 08:14
4	("61129246" "4375378" "6053023" "3532560").PN.	USPAT; JPO	OR	OFF	2007/03/19 14:28
2	("3711338" "4971634").PN.	USPAT; JPO	OR	OFF	2007/03/19 14:29
0	spherodiz\$3 and draw\$3 and "cold forg\$3"	USPAT	OR	OFF	2007/03/23 13:09
0	spheroidiz\$3 and draw\$3 and "cold forg\$3"	USPAT	OR	OFF:	2007/03/23 13:10
68	spheroidiz\$3 and draw\$3 and forg\$3	USPAT	OR	OFF	2007/03/23 13:11
20	(US-2604164-\$ or US-2772735-\$ or US-3119292-\$ or US-6035688-\$ or US-6009783-\$ or US-5845553-\$ or US-5247862-\$ or US-4785695-\$ or US-4463637-\$ or US-4267753-\$ or US-3570343-\$ or US-3440909-\$ or US-3211034-\$).did. or (JP-07097656-\$ or JP-58215237-\$ or JP-60102245-\$ or JP-07034190-\$ or JP-07300653-\$ or JP-09176785-\$ or JP-09176786-\$).did.	USPAT; JPO	OR	OFF	2007/03/23 13:24
0	spheroidiz\$3 and draw\$3 and forg\$3 and martensite and S28	USPAT	OR	OFF	2007/03/23 13:24
	0 0 0 0 0 0 6 0 1 1 4 2 0 0 68 20	forg\$3" and billet and blank and S2 spherodiz\$3 and draw\$3 and "cold forg\$3" and billet and blank and S2 spherodiz\$3 and draw\$3 and forg\$3 and billet and blank and S2 spherodiz\$3 and draw\$3 and forg\$3 and billet and blank and S2 spherodiz\$3 and draw\$3 and forg\$3 and billet and S2 spherodiz\$3 and draw\$3 and forg\$3 and billet and S2 spherodiz\$3 and draw\$3 and forg\$3 and S2 spherodiz\$3 and S2 forg\$3 and draw\$3 and S2 "4751048".PN. ("61129246" "4375378" "6053023" "3532560").PN. ("3711338" "4971634").PN. spherodiz\$3 and draw\$3 and "cold forg\$3" spheroidiz\$3 and draw\$3 and "cold forg\$3" spheroidiz\$3 and draw\$3 and forg\$3 (US-2604164-\$ or US-2772735-\$ or US-3119292-\$ or US-6035688-\$ or US-6009783-\$ or US-4267753-\$ or US-4463637-\$ or US-4267753-\$ or US-3211034-\$).did. or (JP-07097655-\$ or JP-58215237-\$ or JP-070976785-\$ or JP-09176785-\$ or JP-09176785-\$ or JP-09176785-\$ or JP-09176785-\$ or JP-09176786-\$).did.	forg\$3" and billet and blank and \$2 spherodiz\$3 and draw\$3 and "cold forg\$3" and billet and blank and \$2 spherodiz\$3 and draw\$3 and forg\$3 and billet and blank and \$2 spherodiz\$3 and draw\$3 and forg\$3 and billet and blank and \$2 spherodiz\$3 and draw\$3 and forg\$3 and billet and blank and \$2 spherodiz\$3 and draw\$3 and forg\$3 and billet and \$2 spherodiz\$3 and draw\$3 and forg\$3 and spherodiz\$3 and draw\$3 and forg\$3 and \$2 spherodiz\$3 and \$2 spherodiz\$3 and \$2 uSPAT; EPO; JPO uSPAT; EPO; JPO spherodiz\$3 and \$2 uSPAT; EPO; JPO spherodiz\$3 and soccore and so	forg\$3" and billet and blank and \$2 0 spherodiz\$3 and draw\$3 and "cold forg\$3" and billet and blank and \$2 0 spherodiz\$3 and draw\$3 and forg\$3 and billet and blank and \$2 0 spherodiz\$3 and draw\$3 and forg\$3 and billet and blank and \$2 0 spherodiz\$3 and draw\$3 and forg\$3 and billet and blank and \$2 0 spherodiz\$3 and draw\$3 and forg\$3 and billet and \$2 0 spherodiz\$3 and draw\$3 and forg\$3 and \$2 0 spherodiz\$3 and draw\$3 and forg\$3 and \$2 0 spherodiz\$3 and draw\$3 and forg\$3 and \$2 0 spherodiz\$3 and draw\$3 and \$2 0 spherodiz\$4 0 spherodiz\$3 and draw\$3 and \$2 0 spherodiz\$3 and draw\$3 and "cold forg\$3" 0 spherodiz\$3 and draw	forg\$3" and billet and blank and \$2 0 spherodiz\$3 and draw\$3 and "cold forg\$3" and billet and blank and \$2 0 spherodiz\$3 and draw\$3 and forg\$3 and billet and blank and \$2 0 spherodiz\$3 and draw\$3 and forg\$3 and billet and blank and \$2 0 spherodiz\$3 and draw\$3 and forg\$3 and billet and blank and \$2 0 spherodiz\$3 and draw\$3 and forg\$3 and billet and \$2 0 spherodiz\$3 and draw\$3 and forg\$3 and billet and \$2 0 spherodiz\$3 and draw\$3 and forg\$3 and \$2 0 spherodiz\$3 and draw\$3 and forg\$3 uSPAT; EPO; JPO 0 spherodiz\$3 and \$2 0 uSPAT; EPO; JPO 0 anneal\$3 and \$2 0 uSPAT; OR ON EPO; JPO 1 forg\$3 and annealing and \$2 0 uSPAT; EPO; JPO 1 forg\$3 and draw\$3 and \$2 0 uSPAT; OR ON EPO; JPO 1 "4751048".PN. 1 "4751048".PN. 2 ("3711338" "4971634").PN. 2 ("3711338" "4971634").PN. 3 spherodiz\$3 and draw\$3 and "cold forg\$3" 0 spherodiz\$3 and draw\$3 and "cold forg\$3" 0 spherodiz\$3 and draw\$3 and forg\$3 20 (US-2604164-\$ or US-2772735-\$ or US-33119292-\$ or US-6035688-\$ or US-547862-\$ or US-4785695-\$ or US-3211034-\$), did, or (JP-07097656-\$ or JP-58215237-\$ or US-33700653-\$ or JP-09176785-\$ or JP-09176786-\$ or JP-09176786-\$ or JP-09176785-\$ or JP-09176786-\$ or JP-09176786-\$ or JP-09176785-\$ or JP-09176786-\$ or JP-09176786-\$ or JP-09176785-\$ or

EAST Search History

S30	0	spheroidiz\$3 and draw\$3 and forg\$3 and S28	USPAT	OR	OFF	2007/03/23 13:25
S31	87	"medium carbon steel" and martensite	USPAT	OR	OFF	2007/03/23 15:15

3/26/2007 9:36:29 AM
C:\Documents and Settings\wzhu\My Documents\EAST\Workspaces\10-789322.wsp